

## GENERAL NOTES

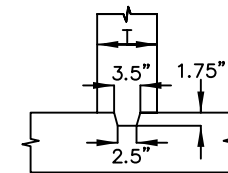
1. MATERIALS, CONSTRUCTION, AND WORKMANSHIP SHALL BE IN ACCORDANCE WITH THE CURRENT EDITION OF SANDY CITY STANDARD SPECIFICATIONS AND DETAILS FOR MUNICIPAL CONSTRUCTION, ADDENDUMS, AND SPECIAL PROVISIONS THERETO AND AS DIRECTED BY THE CITY ENGINEER, OR HIS AUTHORIZED REPRESENTATIVE. THE CURRENT EDITION IS AVAILABLE ONLINE AT: <http://sandy.utah.gov/government/public-works/standard-specifications.html>
2. CONCRETE SHALL MEET THE REQUIREMENTS SPECIFIED IN SECTIONS 03000 AND 03300.
3. REINFORCING STEEL SHALL MEET THE REQUIREMENTS SPECIFIED IN SECTION 03200.
4. PRECAST MANHOLES AND STRUCTURES SHALL MEET THE REQUIREMENTS SPECIFIED IN SECTION 03400. COMBO AND JUNCTION BOXES SHALL BE CAST-IN-PLACE UNLESS SPECIFIED AND/OR APPROVED BY THE CITY REPRESENTATIVE.
5. BACKFILL SHALL MEET THE REQUIREMENTS SPECIFIED IN SECTION 02240.
6. COMPACTION SHALL BE 96% PER SPECIFICATIONS IN SECTION 02240.
7. PIPE SIZE, ELEVATION, AND LOCATION SHALL BE SHOWN ON APPROVED CONSTRUCTION DRAWINGS.
8. MANHOLE RING AND COVER SHALL BE D&L SUPPLY MODEL A-1180 OR APPROVED EQUAL.
9. INLET FRAME, GRATE, AND HOOD SHALL BE D&L SUPPLY MODEL I-3517 (FOR SLOPES LESS THAN 2%) OR MODEL I-3518 (FOR SLOPES GREATER THAN 2%) OR APPROVED EQUAL.
10. THROAT OPENING HEIGHT OF CURB INLET SHALL BE A MIN. OF 4".
11. WHEN A CURB INLET BOX IS INSTALLED IN A LOCATION WITH EXISTING CURB AND GUTTER, THE CURB AND GUTTER SHALL BE REPLACED TO THE NEXT JOINT OR AS DIRECTED BY THE CITY REPRESENTATIVE.
12. REBAR SPLICE FOR CAST-IN-PLACE STRUCTURES SHALL BE MIN. 40 DIAMETERS.
13. PIPE TO STRUCTURE COLLAR (SEE SHEET SD-06) SHALL BE INSTALLED FOR ALL PIPE TO STRUCTURE CONNECTIONS FOR CURB INLET BOXES, COMBO BOXES, AND JUNCTION BOXES.

## WALL REINFORCEMENT FOR CURB INLET, COMBO, AND JUNCTION BOXES

STEEL SCHEDULE			WALL THICKNESS "T"
HEIGHT	VERT. STL.	HORIZ. STL.	
0'- 4'	#4 @ 12"O.C.	#4 @ 12"O.C.	6" WALL
4'- 6'	#4 @ 8"O.C.	#4 @ 12"O.C.	6" WALL
6'- 8'	#5 @ 12"O.C.	#4 @ 12"O.C.	8" WALL
8'- 10'	#5 @ 12"O.C.	#4 @ 12"O.C.	8" WALL
10'- 12'	#5 @ 8"O.C.	#4 @ 12"O.C.	8" WALL

### NOTES:

- 1) INSIDE FACE BARS TO LINE UP W/OUTSIDE FACE BARS.
- 2) USE DOUBLE CURTAIN REINFORCEMENT FOR BOXES 8' OR MORE DEEP. FOR BOXES EXCEEDING 12', CONSULT WITH ENGINEER.
- 3) PRECAST STRUTURES MAY HAVE 6" WALL BASED ON MANUFACTURER'S DESIGN/RECOMMENDATION FOR STRUCTURES W/ HEIGHT UP TO 8'.
- 4) HEIGHT IS MEASURED FROM TOP OF FLOOR SLAB TO TO BOTTOM OF ROOF SLAB.




## SHEAR KEY

T = WALL THICKNESS

NOTE: SHEAR KEY REQUIRED AT BASE OF WALL FOR ALL WALLS 8' AND TALLER.

NOT TO SCALE

1	TS	CREATED	6/2017	 HEART OF THE WASATCH	STANDARD DETAIL PUBLIC UTILITIES <b>SD-01</b> GENERAL STORM DRAIN NOTES
NO.	AUTHORIZED BY	REVISIONS	DATE		